Philips
flat HDTV with Pixel Plus 3 HD and Ambilight 2 channel

50"
plasma integrated digital

50PF9631D

Turn up your viewing experience

with Pixel Plus 3 HD and Ambilight 2

Enjoy the ultimate viewing experience with this Philips integrated HDTV with Pixel Plus 3 HD, Ambilight 2 and latest HD Plasma technology. Enjoy your multimedia content with the built in USB connector.

Immersive viewing experience
- High Definition plasma WXGA display, 1366 x 768p
- Enjoy HDTV that's truer than anything you've seen before
- Pixel Plus 3 HD for most vivid and sharp HDTV images
- 2-channel active Ambilight enhances the viewing experience

True beauty lies in the details
- Matching stand with elegant design included

Perfect picture quality from your digital photos
- USB Connector for easy, instant multimedia playing

For advanced performance
- HDMI for full digital High Definition connection

PHILIPS
sense and simplicity

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50" plasma integrated digital

50PF9631D/37

Specifications

Picture/Display
- Aspect ratio: 16:9
- Brightness: 1500 cd/m²
- Contrast ratio (typical): 10000:1
- Viewing angle: 160° (H) / 160° (V)
- Diagonal screen size (inch): 50 inch
- Display screen type: Plasma HD panel
- Panel resolution: 1366 x 768p
- Picture enhancement: Pixel Plus 3 HD, Digital Crystal Clear, 3/2 - 2/2 motion pull down, 3D Combfilter, Active Control + Light sensor, Jagged Line Suppression, Progressive Scan, Widescreen Plus
- Screen enhancement: Anti ageing circuit, Anti-Reflection coated screen

Ambilight
- Ambilight Features: Ambilight 2 Channel, Auto adaptive to video content, Efficient low energy lamp
- Color Settings: Full Multi Color
- Dimming Function: Manual and via Light Sensor
- Preset modes: 4 Active Adaptive modes

Supported Display Resolution
- Computer formats

Resolution	Refresh rate
640 x 480	60Hz
800 x 600	60Hz
1024 x 768	60Hz

- Video formats

Resolution	Refresh rate
1080i	60Hz
720p	60Hz
480i	60Hz
480p	60Hz

Sound
- Output power (RMS): 2x12W
- Sound Enhancement: Digital Signal Processing, Dynamic Bass Enhancement, Graphic Equaliser
- Sound System: Virtual Dolby Digital

Loudspeakers
- Built-in speakers: 2
- Loudspeaker types: Front Speakers

Convenience
- Child Protection: Child Lock+Parental Control
- Clock: Smart Clock
- Ease of Installation: Auto Programme Naming, Automatic Tuning System (ATS), Autostore, PLL Digital Tuning, Plug & Play
- Ease of Use: Auto Volume Leveller (AVL), Channel list, Delta Volume per preset, Graphical User Interface, On Screen Display, Side Control, Smart Picture Control, Smart Sound Control
- Remote Control: Amp, DVD, STB, VCR, Multi-functional
- Remote control type: RC4403
- Screen Format Adjustments: 4:3, 6 Widescreen Modes, Auto Format, Movie expand 14:9, Movie expand 16:9, Subtitle and Heading Shift, Subtitle Zoom, Super Zoom, Widescreen
- Picture in Picture: HDMI-Component PIP
- Teletext: Closed Captioning Full Text
- VESA Mount: Vesa compliant

Multimedia Applications
- Digital Content Management: Digital Media Reader
- Multimedia connections: USB
- Playback Formats: MP3, Slideshow files (.alb), JPEG Still pictures

Tuner/Reception/Transmission
- Aerial Input: 75 ohm F-type
- TV system: ATSC, NTSC
- Video Playback: NTSC
- Cable: Unscrambled Digital Cable -QAM

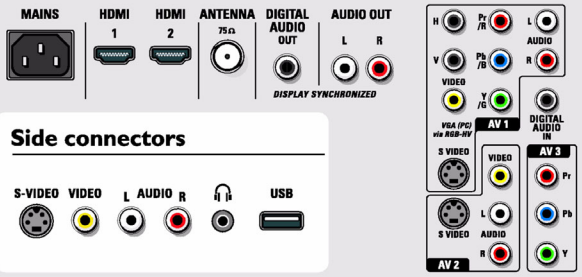
Connectivity
- AV 1: (1, 2, 3Fh autoranging), Audio L/R in, Component Video in, CVBS in, RGB+H/V, YPbPr, Y/C
- AV 2: Audio L/R in, CVBS, Y/C
- AV 3: (1, 2, 3Fh autoranging), S/PDIF digital coaxial, YPbPr
- AV 4: HDMI
- AV 5: HDMI
- Front / Side connections: Audio L/R in, CVBS in, Headphone out, S-video in, USB
- Other connections: S/PDIF in (coaxial), S/PDIF out (coaxial)

Power
- Ambient temperature: 5 °C to 40 °C
- Mains power: AC 110 - 240 V +/- 10%
- Power consumption: 400 W
- Standby power consumption: 0.8W

Dimensions
- Color cabinet: Black and Silver
- Set dimensions in inch (W x H x D): 52.3 x 35.7 x 4.5 inch
- Set dimensions with stand in inch (W x H x D): 52.3 x 38.3 x 12.6 inch
- Product weight (lb): 125.2 lb
- Box dimensions in inch (W x H x D): 55.6 x 48.1 x 13.9 inch
- Weight incl. Packaging (lb): 183.9 lb
- VESA wall mount compatible: 600 x 200 mm

Accessories
- Included Accessories: Table top stand, RF cable

Rear connectors



Side connectors

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Product highlights

Plasma WXGA panel, 1366 x 768p
This state-of-the-art plasma screen technology gives you widescreen HD resolution of up to 1366 x 768p pixels. It produces brilliant flicker-free progressive scan pictures in with optimum brightness and superb colors. This vibrant and sharp image will provide you with an enhanced viewing experience.

HDTV
HDTV delivers exceptional picture quality and real movie-viewing experience that makes television more dynamic, truer than anything you've seen before. It is the latest and best television signal available. It features picture quality more than twice that of traditional analog broadcasts. In order to effectively maximize the HDTV signal, a television must incorporate advanced signal input connectivity and circuitry design.

Pixel Plus 3 HD
Pixel Plus 3 HD offers the unique combination of ultimate sharpness, natural detail, vivid colors and smooth natural motion on all qualities of HD, standard TV signals and multimedia content, for high definition displays. Each pixel of the incoming picture is enhanced to better match the surrounding pixels, resulting in a more natural picture. Artifacts and noise in all sources from multimedia to standard TV and also in highly compressed HD are detected and reduced ensuring that the picture is clean and razor sharp.

Ambilight 2 channel
Ambilight makes an impressive contribution to the overall viewing experience by producing ambient light to complement the colors and light intensity of the on-screen image. It adds a new dimension to the viewing experience, completely immersing you into the content you are watching. It creates ambiance, stimulates more relaxed viewing, and improves perceived picture detail, contrast and color. Ambilight automatically and independently adapts its colors according to the changing content on the screen.

Bypacked tabletop stand
A table-top stand with matching design is packed with the set.

USB Multimedia Connector
The USB connector allows access to multimedia jpg, mp3 and alb files of most USB-sticks and most digital cameras (USB 1.1 memory-class device). Plug the USB into the slot at the side of the TV and access your photos or music files. This makes you easily viewing and sharing your photos and music.

HDMI input
HDMI makes an uncompressed digital RGB connection from the source to the screen. By eliminating conversion to an analog signal, it delivers an unblemished image. The non-degraded signal reduces flicker and leads to a clearer picture. HDMI intelligently communicates the highest output resolution with the source device. The HDMI input is fully backward compatible with DVI sources but includes digital audio. HDMI uses HDCP copy protection.